

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Account #:
Group:
Reporting Date:

SAMPLE REPORT

Date Received:
Sample Identification:
Sample ID #:

STABILITY

Carbon Dioxide Evolution Rate	Respiration Rate
Test Conditions:	(as received)
Pre-incubated:	3 day-20 deg.C
Incubation:	36 deg.C
Moisture adjustment:	saturated
pH	Not adjusted
Porosity	Not provided
Nutrients	Not provided
TMECC Method	05.08-B
RESULTS: mg CO ₂ -C/g OM/day	3.7
mg CO ₂ -C/g OC/day	7.4
mg CO ₂ -C/g TS/day	2.4
INTERPRETATION: Very Stable	< 2
Stable	2 to 4
Moderately Unstable	4 to 8
Unstable	8 to 20
Very Unstable	> 20

RESPIRATION RATE

Optimizing moisture with pre-incubation to simulate maximum biological activity in a source pile.

MATURITY - Germination and Growth (TMECC 05.05-A)

% Compost & %Vermiculite (v/v)	33.3%:66.6%
Emergence (relative to control) %	100
Relative Seedling Vigor %	100
Description of plants:	healthy

Control:Vermiculite

This test uses cucumber, a salt tolerant plant, grown in high concentrations of compost. Composts that show phytotoxic effects under test conditions may not show toxic effects when used in actual field conditions. High salts, acid or alkali pH, and ammonia toxicity can be corrected with added dilution or adjustments resulting from mixing with receiving soil. Composts showing phytotoxic effects should be used with caution.

Analyst: Assaf Sadeh